QUALITY CONTROL ABSTRACT (AS PER MORT&H-V REVISION)

Name of Work:01) Improvements to Road and Drains at Ashwath nagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division, 02)Improvements to Road and Drains at Fathima Layout cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division, 03)Improvements to Road and Drains at Saraipalya Vidyasagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

Bill No. First and Part Bill

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Sl No	Description of Items	Test	Test Units	Test Per Qty	Up to Date Qty	Convertion m^3 > m^2	Convertion m^3 > Tonnes	No. Of Sample to Be Conduct for Test	No of Sample Conducted for Test
	For Drain work								
	Plane Cement Concrete -				91.74	Cum			
1	Cement Test								
		Setting Time - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Soundness - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Standarad Consistancy IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
2	Fine Aggregate								1
		Specific Gravity and Water Absorption (IS 2386 Part. 3)1963	Days	One Source		-	-	1	1
		Sieve Analysis (IS 2386- Part 1)-1963	Days	One Source		-	-	1	1
3	Coarse Aggregate								
		Sieve Analysis (IS 2386- Part 1)-1963	Days	One Source		-	-	1	1

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	Coping M15 Concrete -				0.72	Cum			
1	Cement Test								
		Setting Time Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Soundness Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Standarad Consistancy Test IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
2	Fine Aggregate								
		Specific Gravity and Water Absorption Test (IS 2386 Part. 3)1963	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963	Days	One Source		-	-	1	1
3	Coarse Aggregate								
		Aggrgate impact Value Test (AIV) (IS 2386- Part 4)-1963	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963 20 mm Aggregates	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963 12.5 mm Aggregates	Days	One Source		-	-	1	1

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	M20 Concrete -				77.94	Cum			
1	Cement Test								
		Setting Time Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Soundness Test - IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
		Standarad Consistancy Test IS 12269 (53 grade ordinary Portland cement)	Days	One Source		-	-	1	1
2	Fine Aggregate								
		Specific Gravity and Water Absorption Test (IS 2386 Part. 3)1963	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963	Days	One Source		-	-	1	1
3	Coarse Aggregate								
		Aggrgate impact Value Test (AIV) (IS 2386- Part 4)-1963	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963 20 mm Aggregates	Days	One Source		-	-	1	1
		Sieve Analysis Test (IS 2386-Part 1)-1963 12.5 mm Aggregates	Days	One Source		-	-	1	1
4	Cube Test								
		Compressive Strength Test (IS 516-1959)	Cum	1 Sample for 50m3				1	4

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	For Road Work								
1	Wet Mix Macadam(WMM)								
		Aggrgate impact Value(AIV)	m^3	1000.00	741.55	-	-	1	2
		Combained Flakiness & Elonga	m^3	500.00	741.55	-	-	1	2
		Gradation	m^3	400.00	741.55	-	-	2	2
		Density of Compacted Layer	m^2	1000.00	741.55	2966.20	-	3	3
2	Bituminous Concrete (BC)								
		Aggrgate impact Value(AIV)	m^3	350.00	135.97	-	-	0	2
		Combained Flakiness & Elonga	m^3	350.00	135.97	-	-	0	2
		Gradation	Tonne	400.00	135.97	-	345.36	1	2
		Binder Content (BC)	Tonne	400.00	135.97	-	345.36	1	4
		Tack Coat/Tack Coat	Days	3.00	-	-	-	1	4
	Precast Items								
1	100mm Thick Pre-Cast Slabs								
		Core Strength on Harden Concrete (IS 516)	m	Per Batch	168.00	-	-		3
2	250mm Thick Pre-Cast Slabs								
		Core Strength on Harden Concrete (IS 516)	sqm	Per Batch	18.72	-	-		3

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Bar Chart for Name of Work (as per sanctioned estimate): Package 3, includes 3 works of 100.00 Lakhs

1. Improvements to Road and Drains at Ashwath nagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division
2. Improvements to Road and Drains at Fathima Layout cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division
3. Improvements to Road and Drains at Saraipalya Vidyasagar cross roads in Ward No.06(Thanisandra), Byatarayanapura Sub Division

Contractor/Agency : M/S Benaka Developers and Projects Pvt.Ltd

Bill: First and Part Bill

Sl.No	Description of work	% Completed	Progress Chart
			20% 40% 60% 80% 100%
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical	0	
2	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth,	0	
3	Providing and fixing PVC pipes 10.00 kg/sq.cm 200mm outer dia.(Sl	0	
4	Gate valve 25mm nominal bore-gun metal (Sl No. 161 material component PWTD SR 2016-17)	0	
5	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average	60	
6	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW,	69	
7	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement	0	
8	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @	84	
9	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal	31	
10	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal	43	

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Sl.No	Description of work	% Completed	Progress Chart 20%	40%	60%	80%	100%
11	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine	34					
12	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting,	30					
13	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using	25					
14	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and	100					
15	M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap /	100					
16	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared	99					
17	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally	22					
18	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared	74					
19	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with	78					
20	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including	71					
21	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation	51					
22	KSRB 15.1.1 Providing flush pointing to square rubble, course or	0					

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Sl.No	Description of work	% Completed	Progress Chart 20%	40%	60%	80%	100%
23	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded	100					
24	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials.	0					
25	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using	100					
26	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other	0					
27	Cement concrete pavement.Construction of un-reinforced plain cement concrete	58					
28	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater	46					

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